



PATENT  
Docket No.: 801939/112

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	Lars Langemyr, Daniel Bertilsson, Arne Nordmark, Per-Olof Persson, and Jerome Long	)	Examiner: Ayal I. Sharon
Serial No.	:	10/042,936	)	Art Unit: 2123
Cnfrm. No.	:	4595	)	
Filed	:	January 9, 2002	)	
For	:	A METHOD FOR ASSEMBLING THE FINITE ELEMENT DISCRETIZATION OF ARBITRARY WEAK EQUATIONS INVOLVING LOCAL OR NON-LOCAL MULTIPHYSICS COUPLINGS	)	

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**AMENDMENT**

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the August 9, 2005, office action, please amend the above-identified patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 14 of this paper.